PUB and Optiqua Technologies collaborate on sensor applications

PUB, Singapore's national water agency, and Optiqua Technologies, provider of state-of-the-art optical biosensors for the water industry have signed an agreement for a joint collaboration on sensor technology. The objective of the collaboration is to test, validate and provide user feedback for Optiqua's sensor applications.

Optiqua has developed a breakthrough sensor technology platform that combines real time analysis with laboratory-sensitive levels for the detection of organic and micro biological contaminants in water. Optiqua is a subsidiary of the Dutch biotechnology company Optisense.

Scheduled to start in September 2008, the collaboration will involve a series of different test programs, which will provide important feedback for the final development stage of Optiqua products before its launch in 2009.

The success of this project may see PUB become Optiqua sensor technologies' first customer.

Melchior van Wijlen, CEO at Optiqua Technologies said: "Optisense chose to establish Optiqua in Singapore because of Singapore's ambition to become an international Waterhub is strongly reflected in the support of new and innovative technologies, and the availability of highly qualified scientific and industrial resources, such as our R&D partner— A*STAR's Singapore Institute of Manufacturing Technology (SIMTech), with whom we collaborate closely on product development.. The reputation of PUB as one of the most innovative water companies in the global water industry underlines the importance of this agreement to Optiqua. It will provide important feedback for the final phase in our product development.

Mr Harry Seah, PUB's Director of Technology and Water Quality said: "We are continuously looking for new and innovative ways to enhance our water treatment and

monitoring process. This collaboration with Optiqua is part of PUB's ongoing efforts to improve processes and we are hopeful that this collaboration will yield positive results. "

About Optiqua (www.optiqua.com)

Optiqua is a clean-tech company for the water industry, providing state-of-the-art optical biosensors for the detection of contaminants in water. The company is based in Singapore, the international 'WaterHub' and gate to the fast growing Middle Eastern and Asian regions. Based on a unique combination of an optic chip, a biochemical layer, micro-fluidics and electronics, the patented technology guarantees high-end laboratory sensitivity while enabling real time and on-site detection of contaminants and biochemical substances in water. The 'Lab-on-Chip' sensor can be tailored for the detection of any specific (bio) chemical substance.

Optiqua works with reputable research institutes and international industry partners, such as PUB and SIMTech of Singapore, Vitens and KIWA of the Netherlands, and the international SafeWat consortium on early warning systems (consisting of Sandia Laboratories, Mekorot, Vitens, KIWA and Optiqua). Optiqua is a subsidiary of the Dutch biotechnology company Optisense (www.optisense.nl).

For further information please contact:

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About PUB
PUB is a statutory board under the Ministry of the Environment and Water Resources. It is the national water agency managing Singapore's water supply, water catchment and used water in an integrated way. PUB won the 2007 Stockholm Industry Water Award and was named Water Agency of the Year at the Global Water Awards 2006.

About PUB's tagline: Water for All: Conserve, Value, Enjoy
PUB has ensured a diversified and sustainable supply of water for Singapore with the Four National Taps (local catchment water, imported water, NEWater, desalinated water).

To provide water for all, PUB calls on all Singaporeans to play our part to conserve water, keep our water catchments and waterways clean and build a relationship with water so we can enjoy our water resources. We can then have enough water for all uses – for industry, for living, for life.